

QM8700 and QM8790 InfiniBand Switch Systems Quick Installation Guide

Table of Contents

Pay Attention!	4
Package Contents (System and Rail-Kit)	5
Installation and Configuration	7
Installation Instructions	7
System Interfaces	11
LED Assignments	13
Configuration	



Models: QM8700, QM8790

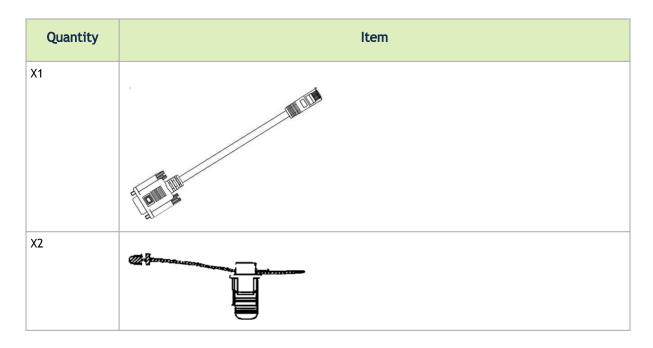
Pay Attention!

- At least two people are required to safely mount the system in the rack.
- All servers and systems in the rack should be planned with the airflow direction. All FRU
 components must have the same air flow direction. A mismatch in the air flow will affect the
 heat dissipation.
- The part of the system to which you choose to attach the rails will determine the system's adjustable side. The system's part to which the brackets are attached will be adjacent to the cabinet.
- The FRU side is extractable. Mounting the rack brackets inverted to the FRU side will allow you to slide the FRUs, in and out.

Package Contents (System and Rail-Kit)

- 1 x System
- 1 x Fixed rail kit for 16.9-31.5" (430-800mm) racks
- 2 x Power cables Type C13-C14
- 1 x Harness: HAR000631 Harness RS232 2M cable DB9 to RJ-45 (only in QM8700)
- 2 x Cable retainers

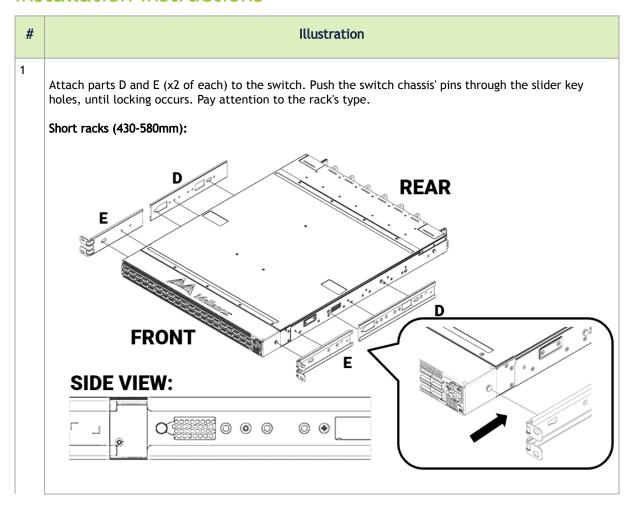
Quantity	Item	
X4		
	A State of the sta	
X8 (of each)	B, C	
X2 (of each)	D, E, F	
X2		

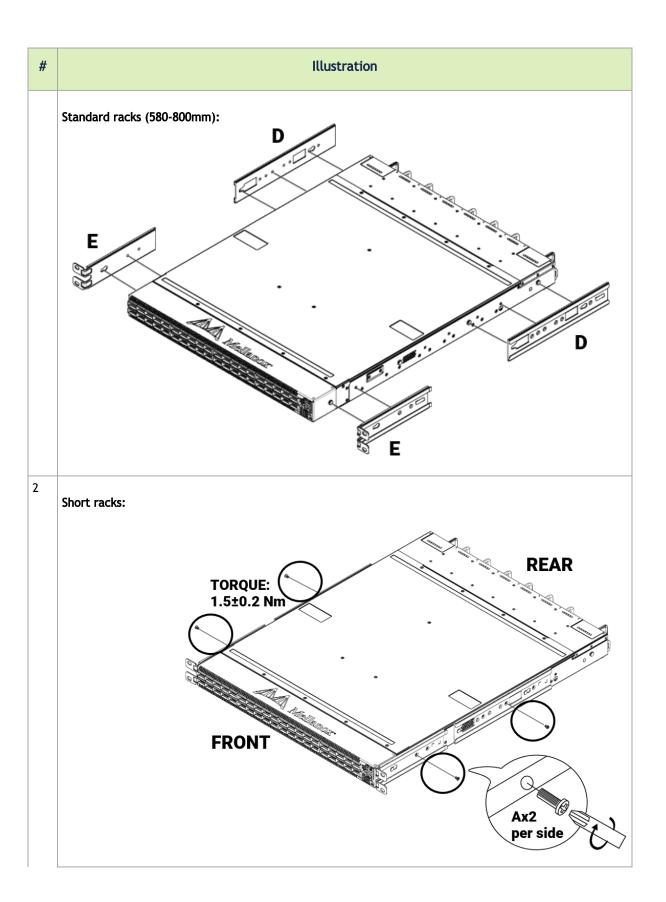


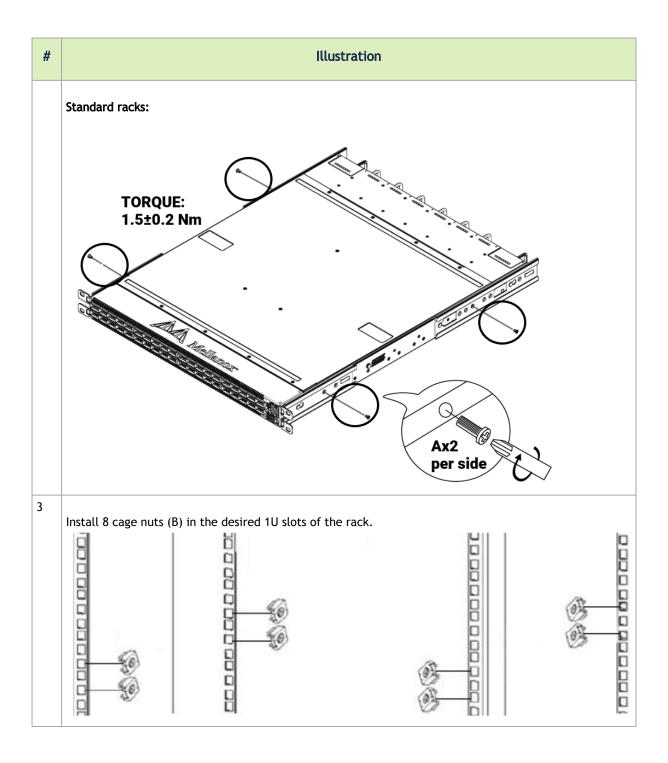
If anything is damaged or missing, contact your NVIDIA representative at $\underline{\text{Networking-support@nvidia.com}}.$

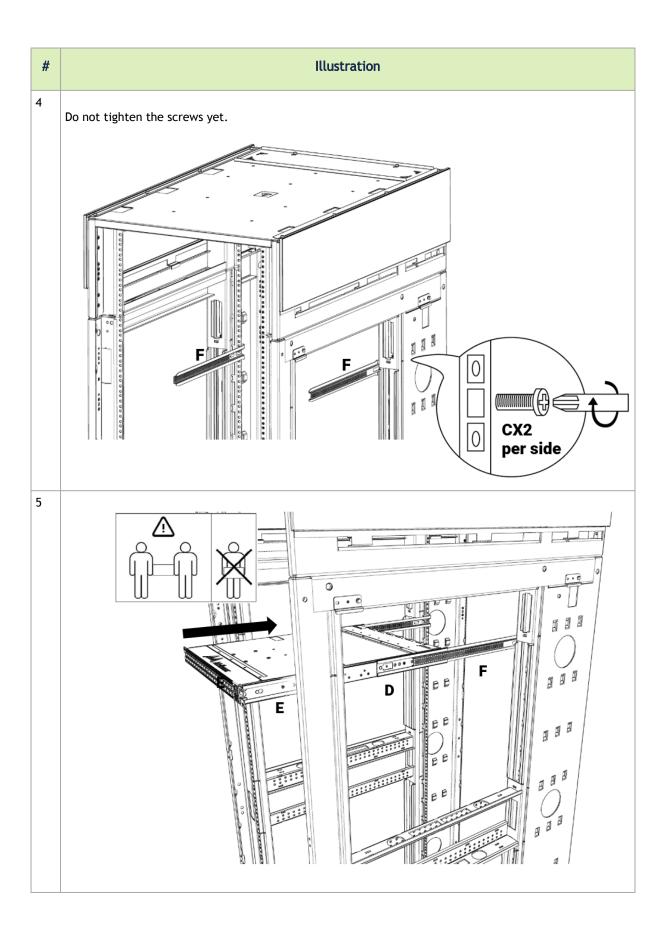
Installation and Configuration

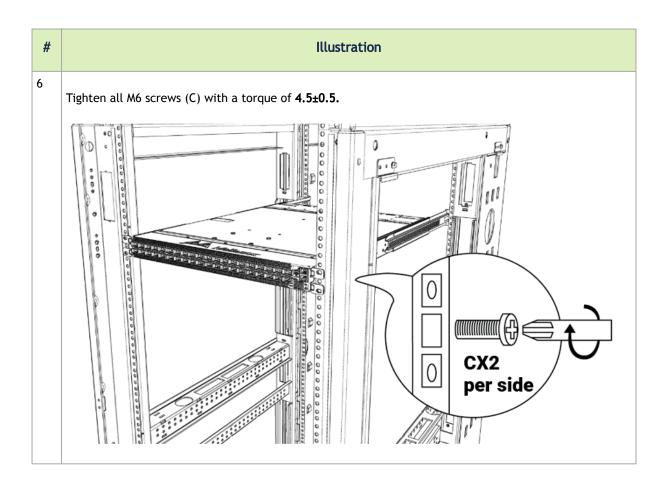
Installation Instructions



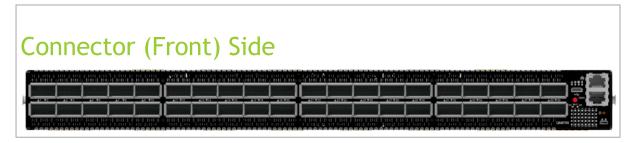








System Interfaces



FRU (Rear) Side **Managed Systems** Fans LED 😽 2 💿 Reset System LED **Externally Managed Systems** Fans LED 😽 Reset Button System I²C Debugging

^{*} It may take up to five minutes to turn on the system. If the System Status LED shows red/amber after five minutes, unplug the system and contact your NVIDIA representative.

LED Assignments

Symbol	Description	Normal Status
<u>^</u>	System health	Green/Flashing
Fan health		Green
0	Power supply health	Green
!	Bad port detected	Off
=0=	Identifier LED	Off/Blue
R	Reset button	

Configuration

- 1. Connect the host PC to the Console (RJ-45) port.
- 2. Configure a serial terminal program.

Parameter	Settings
Baud rate	115200
Data bits	8
Stop bits	1
Parity	None
Flow control	None

3. Login:

OS	Username	Password
Onyx (MLNX-OS)	admin	admin

4. Initial configuration in Onyx (MLNX-OS): Go through the configuration wizard. For further information, please refer to: https://docs.nvidia.com/networking/category/mlnxos.

For full installation instructions, go to https://docs.nvidia.com/networking/category/switchen.

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